

The IM/IRAP document specifies the following project objectives:

- Determination of the applicability of the treatment technology.
- Quantification of major operating parameters.
- Evaluation of performance relative to meeting chemical-specific ARARs.
- Re-evaluation of capital and operating costs

The following summarizes the content, format and approach, agreed upon by DOE/RFO and EG&G in a meeting on May 28, 1993, of the Phase II Draft Report for the OU2 IM/IRA evaluation.

- Characterization of Surface Water Sources

The focus of this section is a written and graphical analysis of surface water sources that are treated by the OU 2 Treatment System. The intent of this discussion is to advocate removing some or all of the surface water sources from collection and treatment. The following items will be provided:

A discussion of possible contaminants of concern.

A discussion of contaminants with concentrations that exceed ARARs.

A graphical representation of possible contaminants of concern from SW-61 and SW-132.

- Risk Assessment

The intent of this section is to show, through a risk analysis, the impact of removing some or all of the surface water sources from collection and treatment. The discussion would include analysis of system cost, waste generation and air pollution generation. It would also consider the impact of non-treatment on the collection ponds downstream from the treatment system.

- System Evaluation.

This section would include evaluation of system performance with respect to the following items:

Input/output of contaminants

Ability of the system to achieve ARARs

Revision of membrane cleaning procedures

Revision of sampling and analysis plans

Recommendations for future work

Cost analysis

- Final Draft Report Production

The first draft will be reviewed concurrently by EG&G and DOE/RFO. A draft will be delivered to DOE/RFO approximately 3 days before the letter of transmittal is received.